

10/699,043
COMPOUND SEARCH

FILE 'HOME' ENTERED AT 14:35:56 ON 15 FEB 2007

=> file registry
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE
ENTRY
0.21
TOTAL
SESSION
0.21

FILE 'REGISTRY' ENTERED AT 14:36:07 ON 15 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 14 FEB 2007 HIGHEST RN 921041-62-5
DICTIONARY FILE UPDATES: 14 FEB 2007 HIGHEST RN 921041-62-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

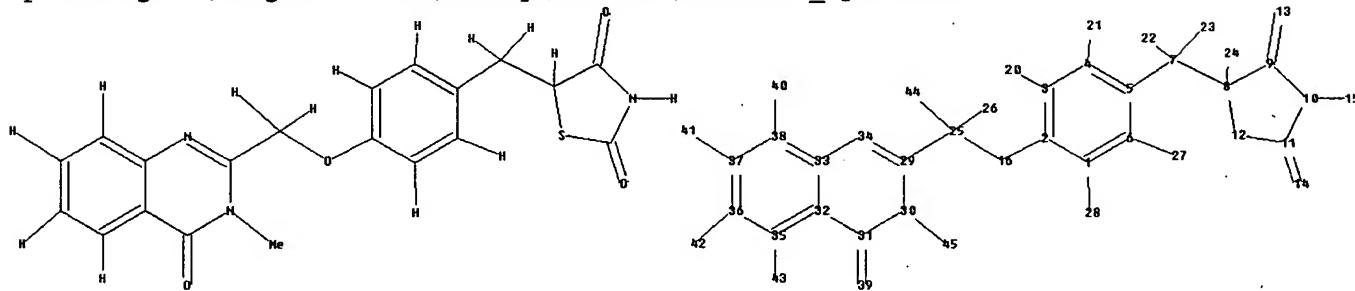
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10699043_specie.str



chain nodes :

7 13 14 15 16 20 21 22 23 24 25 26 27 28 39 40 41 42 43 44 45

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 29 30 31 32 33 34 35 36 37 38

chain bonds :

1-28 2-16 3-20 4-21 5-7 6-27 7-8 7-22 7-23 8-24 9-13 10-15 11-14 16-25
25-26 25-29 25-44 30-45 31-39 35-43 36-42 37-41 38-40

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 10-11 11-12 29-30 29-34 30-31
31-32 32-33 32-35 33-34 33-38 35-36 36-37 37-38

exact/norm bonds :

2-16 8-9 8-12 9-10 9-13 10-11 11-12 11-14 16-25 29-30 29-34 30-31 31-32
31-39 33-34

exact bonds :
1-28 3-20 4-21 5-7 6-27 7-8 7-22 7-23 8-24 10-15 25-26 25-29 25-44 30-
45
35-43 36-42 37-41 38-40
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 32-33 32-35 33-38 35-36 36-37 37-38

G1:CH,N

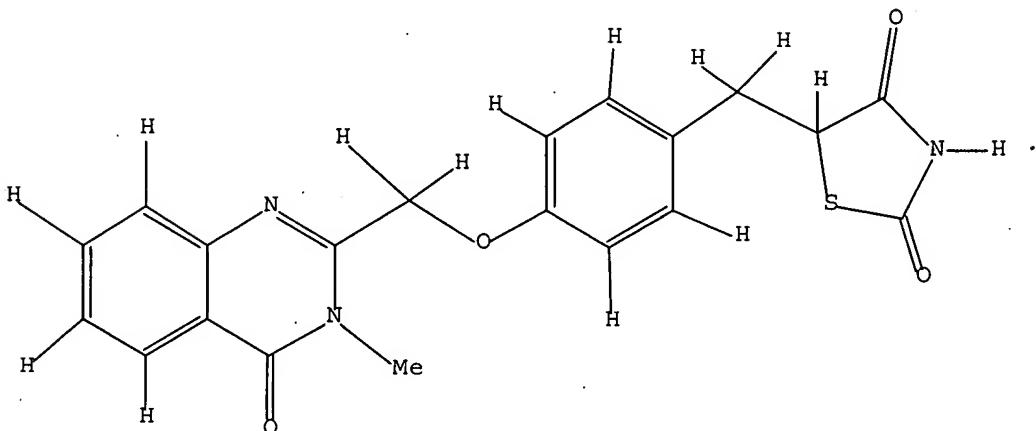
G2:O,S,NH,N

G3

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS
22:CLASS 23:CLASS
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom
35:Atom 36:Atom 37:Atom 38:Atom 39:CLASS 40:CLASS 41:CLASS 42:CLASS
43:CLASS 44:CLASS
45:CLASS

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 CH,N
G2 O,S,NH,N
G3

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 14:36:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -

3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s 11 exa full
FULL SEARCH INITIATED 14:36:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 14 TO ITERATE

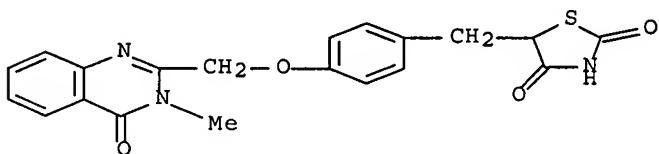
100.0% PROCESSED 14 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

L3 1 SEA EXA FUL L1

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 199113-98-9 REGISTRY
ED Entered STN: 25 Dec 1997
CN 2,4-Thiazolidinedione, 5-[[4-[(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)methoxy]phenyl]methyl] - (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 5-[[4-[[3-Methyl-4-oxo-3,4-dihydro-2-quinazolinyl]methoxy]phenyl]methyl]thiazolidine-2,4-dione
CN Balaglitazone
CN DRF 2593
CN NN 2344
DR 335149-06-9
MF C20 H17 N3 O4 S
CI COM
SR CA
LC STN Files: ADISINSIGHT, ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, EMBASE, IMSDRUGNEWS, IMSRESEARCH, PROUSDDR, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

69 REFERENCES IN FILE CA (1907 TO DATE)
69 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file medline, caplus, wpids, uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	60.20	60.41

FILE 'MEDLINE' ENTERED AT 14:36:54 ON 15 FEB 2007

FILE 'CAPLUS' ENTERED AT 14:36:54 ON 15 FEB 2007
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 14:36:54 ON 15 FEB 2007
 COPYRIGHT (C) 2007 THE THOMSON CORPORATION

FILE 'USPATFULL' ENTERED AT 14:36:54 ON 15 FEB 2007
 CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 13
 SAMPLE SEARCH INITIATED 14:37:00 FILE 'WPIDS'
 SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 0 TO 0
 PROJECTED ANSWERS: 0 TO 0

L4 143 L3

=> s 14 not py>2000
 L5 5 L4 NOT PY>2000

=> d 15 1-5 ibib, abs, hitstr

L5 ANSWER 1 OF 5 USPATFULL on STN
 ACCESSION NUMBER: 2000:117907 USPATFULL Full-text
 TITLE: Heterocyclic compounds, process for their preparation
 and pharmaceutical compositions containing them and
 their use in the treatment of diabetes and related
 diseases
 INVENTOR(S): Lohray, Vidya Bhushan, Hyderabad, India
 Lohray, Braj Bhushan, Hyderabad, India
 Paraselli, Rao Bheema, Hyderabad, India
 Gurram, Ranga Madhavan, Hyderabad, India
 Ramanujam, Rajagopalan, Hyderabad, India
 Chakrabarti, Ranjan, Hyderabad, India
 Pakala, Sarma K.S., Hyderabad, India
 PATENT ASSIGNEE(S): Dr. Reddy's Research Foundation, Hyderabad, India
 (non-U.S. corporation)
 Reddy-Cheminor Inc., Ridgewood, NJ, United States (U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6114526	20000905	
APPLICATION INFO.:	US 1999-353286	19990714 (9)	
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1996-777627, filed on 31 Dec 1996, now patented, Pat. No. US 5885997 76 Ser. No.		

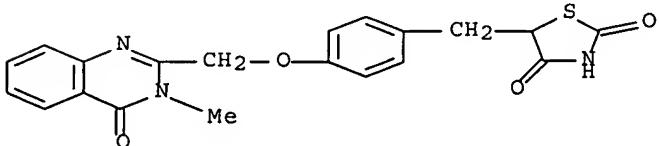
	NUMBER	DATE
PRIORITY INFORMATION:	IN 1996-115096	19960701
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Dees, Jose' G.	
ASSISTANT EXAMINER:	Qazi, Sabiha N.	
LEGAL REPRESENTATIVE:	Ladas & Parry	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2583	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel antidiabetic compounds, their tautomeric forms, their derivatives, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. This invention particularly relates to novel azolidinedione derivatives of the general formula (I), and their pharmaceutically acceptable salts, pharmaceutically acceptable solvates and pharmaceutical compositions containing them ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 199113-98-9P
 (preparation of thiazolidinediones and analogs as antidiabetics)
 RN 199113-98-9 USPATFULL
 CN 2,4-Thiazolidinedione, 5-[[4-[(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)methoxy]phenyl]methyl] - (9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 5 USPATFULL on STN
 ACCESSION NUMBER: 2000:24647 USPATFULL Full-text
 TITLE: Heterocyclic compounds having antidiabetic
 hypolipidemia and antihypertensive properties, process
 for their preparation and pharmaceutical compositions
 containing them
 INVENTOR(S): Lohray, Vidya Bhushan, Jubilee Hills, India
 Lohray, Braj Bhushan, Jubilee Hills, India
 Paraselli, Rao Bheema, Hyderabad, India
 Ramanujam, Rajagopalan, Hyderabad, India
 Chakrabarti, Ranjan, Hyderabad, India
 PATENT ASSIGNEE(S): Dr. Reddy's Research Foundation, Hyderabad, India
 (non-U.S. corporation)
 Reddy-Cheminor, Inc., Ridgewood, NJ, United States
 (U.S. corporation)

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION: US 6030973 20000229
 APPLICATION INFO.: US 1998-135566 19980817 (9)
 RELATED APPLN. INFO.: Division of Ser. No. US 1997-982911, filed on 2 Dec
 1997, now abandoned

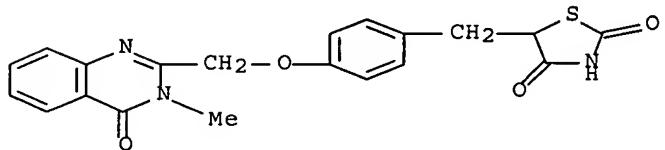
NUMBER	DATE
PRIORITY INFORMATION: IN 1997-77197	19970415
DOCUMENT TYPE: Utility	
FILE SEGMENT: Granted	
PRIMARY EXAMINER: Shah, Mukund J.	
ASSISTANT EXAMINER: Kessinger, Ann M.	
LEGAL REPRESENTATIVE: Ladas & Parry	
NUMBER OF CLAIMS: 22	
EXEMPLARY CLAIM: 1	
LINE COUNT: 1783	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel antidiabetic compounds, their tautomeric forms, their derivatives, their analogues, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. This invention particularly relates to novel azolidinediones of the general formula (I), their analogues, their derivatives, their tautomeric forms, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, pharmaceutically acceptable solvates and pharmaceutical compositions containing them. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 199113-98-9 (preparation and pharmacol. activity of benzoquinazolinonyl- and benzoxazinonylmethoxybenzylthiazolidinediones)
 RN 199113-98-9 USPATFULL
 CN 2,4-Thiazolidinedione, 5-[[4-[(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)methoxy]phenyl]methyl] - (9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2000:1879 USPATFULL Full-text
 TITLE: Heterocyclic compounds having antidiabetic hypolipidemic antihypertensive properties process for their preparation and pharmaceutical compositions containing them
 INVENTOR(S): Lohray, Vidya Bhushan, Hyderabad, India
 Lohray, Braj Bhushan, Hyderabad, India
 Gurram, Ranga Madhavan, Hyderabad, India
 Ramanujam, Rajagopalan, Hyderabad, India
 Chakrabarti, Ranjan, Hyderabad, India
 PATENT ASSIGNEE(S): Dr. Reddy's Research Foundation, Hyderabad, India
 (non-U.S. corporation)

Reddy-Cheminor, Inc., Ridgewood, NJ, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6011036		20000104
APPLICATION INFO.:	US 1997-982962		19971202 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	IN 1997-77197	19970415
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Shah, Mukund J.	
ASSISTANT EXAMINER:	Kessinger, Ann M.	
LEGAL REPRESENTATIVE:	Ladas & Parry	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1622	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel antidiabetic compounds, their tautomeric forms, their analogues, their derivatives, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. This invention particularly relates to novel azolidinedione compounds of the general formula (I), and their analogues, their derivatives, their tautomeric forms, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, pharmaceutically acceptable solvates and pharmaceutical compositions containing them.

##STR1##

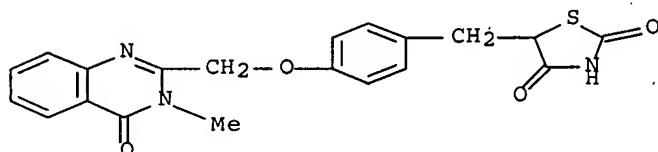
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 199113-98-9

(preparation and pharmacol. activity of benzoquinazolinonyl- and benzoxazinonylmethoxybenzylthiazolidinediones)

RN 199113-98-9 USPATFULL

CN 2,4-Thiazolidinedione, 5-[[4-[(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)methoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 1999:146583 USPATFULL Full-text

TITLE: Heterocyclic compounds, process for their preparation and pharmaceutical compositions containing them and their use in the treatment of diabetes and related diseases

INVENTOR(S): Lohray, Vidya Bhushan, Jubilee Hills, India
Lohray, Braj Bhushan, Jubilee Hills, India
Paraselli, Rao Bheema, Miyapur, India

PATENT ASSIGNEE(S):
 Gurram, Ranga Madhavan, Miyapur, India
 Ramanujam, Rajagopalan, Yellareddy Guda, India
 Chakrabarti, Ranjan, Nagar, India
 Pakala, Sarma K. S., Kukatpally, India
 Dr. Reddy's Research Foundation, Hyderabad, India
 (non-U.S. corporation)
 Reddy-Cheminor Inc., Ridgewood, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5985884		19991116
APPLICATION INFO.:	US 1997-884816		19970630 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-777627, filed on 31 Dec 1996, now patented, Pat. No. US 5885997		

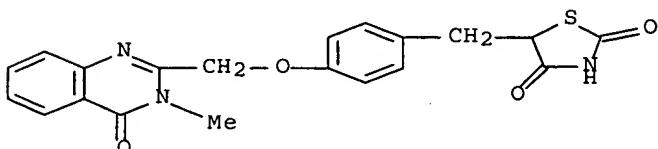
	NUMBER	DATE
PRIORITY INFORMATION:	IN 1996-115096	19960701
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Dees, Jose' G.	
ASSISTANT EXAMINER:	Qazi, Sabiha N.	
LEGAL REPRESENTATIVE:	Ladas & Parry	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2657	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel antidiabetic compounds, their tautomeric forms, their derivatives, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. This invention particularly relates to novel azolidinedione derivatives of the general formula (I), and their pharmaceutically acceptable salts, pharmaceutically acceptable solvates and pharmaceutical compositions containing them. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 199113-98-9P
 (preparation of heterocyclic compds. for the treatment of diabetes and related diseases)
 RN 199113-98-9 USPATFULL
 CN 2,4-Thiazolidinedione, 5-[[4-[(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)methoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 5 OF 5 USPATFULL on STN
 ACCESSION NUMBER: 1999:37111 USPATFULL Full-text
 TITLE: Heterocyclic compounds, process for their preparation

and pharmaceutical compositions containing them and their use in the treatment of diabetes and related diseases

INVENTOR(S) : Lohray, Vidya Bhushan, Hyderabad, India

Lohray, Braj Bhushan, Hyderabad, India

Paraselli, Rao Bheema, Hyderabad, India

PATENT ASSIGNEE(S) : Dr. Reddy's Research Foundation, Hyderabad, India
(non-U.S. corporation)

Reddy-Cheminor, Inc., Ridgewood, NJ, United States
(U.S. corporation)

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION: US 5885997 19990323

APPLICATION INFO.: US 1996-777627 19961231 (8)

NUMBER	DATE
--------	------

PRIORITY INFORMATION: IN 1996-115096 19960701

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Dees, Jose G.

ASSISTANT EXAMINER: Oazi, Sabiha N.

LEGAL REPRESENTATIVE: Ladas & Parry

NUMBER OF CLAIMS: 16

EXEMPLARY CLAIM: 1

LINE COUNT: 1914

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel antidiabetic compounds, their tautomeric forms, their derivatives, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. This invention particularly relates to novel azolidinedione derivatives of the general formula (I), and their pharmaceutically acceptable salts, pharmaceutically acceptable solvates and pharmaceutical compositions containing them. ##STR1##

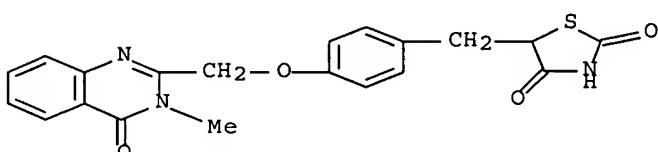
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 199113-98-9P

(preparation of pyrimidinylethoxybenzylthiazolidinediones)

RN 199113-98-9 USPATFULL

CN 2,4-Thiazolidinedione, 5-[[4-[(3,4-dihydro-3-methyl-4-oxo-2-quinazolinyl)methoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 14:35:56 ON 15 FEB 2007)

FILE 'REGISTRY' ENTERED AT 14:36:07 ON 15 FEB 2007

L1 STRUCTURE UPLOADED
L2 1 S L1
L3 1 S L1 EXA FULL

FILE 'MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 14:36:54 ON 15 FEB
2007

L4 143 S L3
L5 5 S L4 NOT PY>2000

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	38.34	98.75

STN INTERNATIONAL LOGOFF AT 14:37:57 ON 15 FEB 2007